

ABSTRACT OF THE DISCLOSURE

A roller conveyor has three-phase synchronous motors and feed rollers. The three-phase synchronous motors are 5 operationally coupled to the respective feed rollers. The three-phase synchronous motors are driven by a three-phase AC voltage supplied from a three-phase AC power supply and the three-phase synchronous motors output a torque. Each feed roller is caused to roll to convey a work by the torque output 10 from the corresponding three-phase synchronous motor. This structure provides an inexpensive roller conveyor which is easy to maintain.